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PATENT
ATTORNEY DOCKET NO. INTEL1450 (P18517)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sundararajan, et al.

Art Unit: 1645

Serial No.: 10/815,264

Examiner: Unassigned

Filed: March 31, 2004

Title: MICROFLUIDIC APPARATUS, SYSTEMS, AND METHODS FOR
PERFORMING MOLECULAR REACTIONS

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) A Information Disclosure Statement (2 pages);
- (2) A Form PTO-1449 (1 page);
- (3) Five (5) References; and
- (4) Return postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, November 8, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Stephanie Sharrett <i>(Name of Person Mailing Paper)</i>	
<i>Stephanie Sharrett</i> November 8, 2004	

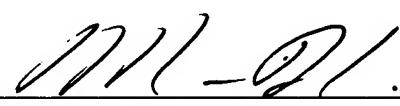
In re Application of:
Sundararajan, et al.
Application No.: 10/815,264
Filed: March 31, 2004
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PATENT
Attorney Docket No.: INTEL1450



Applicants do not believe any fees are due in connection with this Information Disclosure Statement. However, if any fees are required, authorization is hereby given to charge Deposit Account No. 07-1896. A duplicate copy of this Transmittal sheet is enclosed.

Respectfully submitted,


Michael P. Reed
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USPTO CUSTOMER NUMBER 28213
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INFORMATION DISCLOSURE STATEMENT

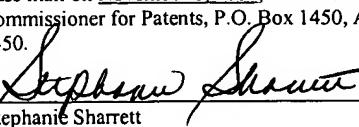
Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and Items F through J are provided herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on November 8, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Stephanie Sharrett

In Re Application of:

Sundararajan, et al.

Application Serial No.: 10/815,264

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PATENT

Attorney Docket No.: INTEL1450 (P18517)

This Information Disclosure Statement is being filed before the mailing date of the first office action on the merits. Therefore, no fee is due, and Applicants do not believe any other fees are due in connection with this submission. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,



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Date: November 8, 2004

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FGRM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. INTEL1450 (P18517)	Serial No.: 10/815,264
	Applicant(s) Sundararajan, et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: March 31, 2004	Group Art Unit: 1645

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	4,893,886	1/16/90	Ashkin, et al.	350	1.1	
	B	5,100,627	3/31/92	Buican, et al.	422	108	
	C	5,620,857	4/15/97	Weetall, et al.	435	7.1	
	D	5,674,743	10/7/97	Kevin Ulmer	435	287	
	E	6,514,767	2/4/03	Michael Natan	436	166	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

F	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface -Enhanced Raman Scattering", <i>Analytical Chemistry</i> , :5-9
G	Knight, et al., "Hydrodynamic Focusing on a Silicon Chip: Mixing Nanoliters in Microseconds", <i>Am Phy Soc.</i> 80(17):3683-3866 (1998)
H	Mulvaney, et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", <i>Am Chem Soc.</i> 19:4784-4790 (2003).
I	Takayama, et al., "Subcellular Positioning of Small Molecules", <i>Nat.</i> 411:1016 (2001)
J	Woolley, et al., Deposition and Characterization of Extended Single-Stranded DNA Molecules on Surfaces", <i>Lett</i> 1(7):345-348 (2001).

EXAMINER	DATE CONSIDERED
GT\6421863.1 1090132-103	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.